

**METHOD AND APPARATUS FOR SCHEDULING TRANSMISSIONS IN
WIRELESS DATA NETWORKS**

ABSTRACT

- 5 A method and apparatus for scheduling data transmissions is disclosed that reduces the delay variability in transmissions of data. A scheduling metric is calculated as a function of a TCP throughput rate for each mobile terminal in the system. The relative value of this metric for a user is used to schedule data transmissions from that user. As a result, TCP time-outs are reduced or
- 10 avoided and the throughput and the predictability of system performance are increased.